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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/021,081	12/19/2001	Dan-Xia Xu	12318-US	8729

TITLE OF INVENTION: HIGH SPEED AND HIGH EFFICIENCY SI-BASED PHOTODETECTORS USING WAVEGUIDES FORMED WITH SILICIDES FOR NEAR IR APPLICATIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	09/29/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
MULPURI, SAVITRI	2812	438-057000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

National Research Council of Canada

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

1500 Montreal Road
Ottawa, ON K1A 0R6
CANADA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government

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Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) George M. MacGregor 37,547 (Date)

September 22, 2004

09/24/2004 NROCHA2 00000076 131717 10021081

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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MAIL STOP ISSUE FEE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Agent's Docket No. **12318-US**

In re Application of)	Allowed: June 29, 2004
)	
Xu, Dan-Xia et al.)	Confirmation No.: 8729
)	
Serial No: 10/021,081)	Art Unit: 2812
)	
Filed: December 19, 2001)	Examiner: MULPURI, Savitri
)	

For: **HIGH SPEED AND HIGH EFFICIENCY SI-BASED PHOTODETECTORS USING WAVEGUIDES FORMED WITH SILICIDES FOR NEAR IR APPLICATIONS**

September 22, 2004

**Commissioner for Patents
U.S. Patent and Trademark Office
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

Sir:

Submitted herewith are the following documents:

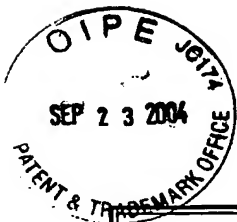
- Transmittal Payment of Issue Fee Form (in duplicate)
- Issue Fee Transmittal Form (in duplicate)

Respectfully submitted,

BY: 

**George M. MacGregor
Reg. No. 37,547
Agent of Record**

**MARKS & CLERK
P. O. Box 957, Station B
Ottawa, Ontario Canada K1P 5S7 (613) 236-9561**



TRANSMITTAL PAYMENT OF ISSUE FEE (Large Entity)
(37 C.F.R. 1.311)

Docket No.
12318-US

Applicant(s): Dan-Xia XU, et al.

Serial No.
10/021,081

Filing Date
December 19, 2001

Examiner.
MULPURI, Savitri

Group Art Unit
2812

Confirmation No.
8729

Invention: HIGH SPEED AND HIGH EFFICIENCY SI-BASED PHOTODECTORS USING WAVEGUIDES FORMED WITH SILICIDES FOR NEAR IR APPLICATIONS

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231
Attention: Box Issue Fee

Transmitted herewith are the following for the above-identified application.

☒ Issue Fee Transmittal Form PTOL-85

☒ Utility Fee: \$1,630.00 ☐ Design Fee: _____ ☐ Plant Fee: _____

☐ A check in the Amount of _____ is attached.

☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 13-1717 as described below. A duplicate copy of this sheet is enclosed.

- ☒ Charge the amount of \$1,630.00
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Signature

Dated: September 22, 2004

George M. MacGregor
37,547

Marks & Clerk Canada
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Ottawa, ON, K1P 5S7
Phone: (613) 236-9561



I certify that this document and fee being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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